

Work Order ID 94390

December-12-12 9:52:52 AM

94390

Page 1

Item ID: D3039-1

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Centre Drill

Start Date: 12/12/2012 Start Qty: 10.00

10

Cust Item ID:

Required Date: 27/12/2012 Req'd Qty: 10.00

10

Customer:

Reference:

Approvals: Process Plan: MLS

Date: 12-12-12 Tooling:

Date:

Run Start ***NR1***

QC:

Date: SPC (Y/N):

Date:

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr

Revision Nbr

D3039

A

100

0.00

100

PURCHASING

Purchasing

Memo

0.00

Purchasing

Issue P/O: 18637
Description:
Possible Supplier: KBC
Supplier P/N: 1-047-450
Material release note required

pl 12-12-12

110

Receive & Inspect for Damage & Mat'l Certs

0.00

110

Packaging

Memo

0.00

Packaging

Ensure Material Release Note is attached

12/12/19 (10)

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
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Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data									
Equip/Tooling									
Operator									
Material									
Setup									
Other									
Process									
Supplier									
Training									
Unapproved									

FAULT CATEGORY

Landing Gear	General	Other
<input type="checkbox"/> Bending	<input type="checkbox"/> Bend	<input type="checkbox"/> Grain
<input type="checkbox"/> Centre Not Concentric to O/S	<input type="checkbox"/> BOM/Route	<input type="checkbox"/> Hardware
<input type="checkbox"/> Cracks	<input type="checkbox"/> Broken/Damaged	<input type="checkbox"/> Inspection Incomplete
<input type="checkbox"/> Crushed/Crimped.	<input type="checkbox"/> Burrs	<input type="checkbox"/> Instructions Incomplete/Unclear
<input type="checkbox"/> Cuffs	<input type="checkbox"/> Contamination	<input type="checkbox"/> Maintenance
<input type="checkbox"/> Heat Treat	<input type="checkbox"/> Countersink	<input type="checkbox"/> Mislabeled
<input type="checkbox"/> Inspection Strip in Tube	<input type="checkbox"/> Cut Too Short	<input type="checkbox"/> Misread
<input type="checkbox"/> Ripples in Bend	<input type="checkbox"/> Drill Holes	<input type="checkbox"/> Offset
<input type="checkbox"/> Torque Waves in Extrusion	<input type="checkbox"/> Drawing	<input type="checkbox"/> Out of Calibration
<input type="checkbox"/> Turning Sequence	<input type="checkbox"/> Finish	<input type="checkbox"/> Out of Sequence
<input type="checkbox"/> Wave/Twist in Tube	<input type="checkbox"/> Folio	<input type="checkbox"/> Outside Dimensions
		<input type="checkbox"/> Ovalized
		<input type="checkbox"/> Over/Under tolerance
		<input type="checkbox"/> Part Incorrect
		<input type="checkbox"/> Part Lost/Missing
		<input type="checkbox"/> Part Moved
		<input type="checkbox"/> Positioned Wrong
		<input type="checkbox"/> Power Loss/Surge
		<input type="checkbox"/> Pressure/Forced
		<input type="checkbox"/> Temperature/Cure
		<input type="checkbox"/> Weld
		<input type="checkbox"/> Wrong Stock Pulled
		<input type="checkbox"/> Other

Work Order ID 94390

December-12-12 9:52:52 AM

94390

Page 2

Item ID: D3039-1

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Centre Drill

Start Date: 12/12/2012 Start Qty: 10.00

10

Cust Item ID:

Required Date: 27/12/2012 Req'd Qty: 10.00

10

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

120

QC6- Inspect dimensions to drawing

0.00

120

QC

Memo

0.00

Quality Control

130

Identify as per dwg & Stock Location: GA

0.00

130

Packaging

Memo

0.00

Packaging

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.00

Quality Control

10

10

12/12/2019

12-20-20

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

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QA Closed: _____ Date: _____

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Equip/Tooling <input type="checkbox"/>									
Operator <input type="checkbox"/>									
Material <input type="checkbox"/>									
Setup <input type="checkbox"/>									
Other <input type="checkbox"/>									
Process <input type="checkbox"/>									
Supplier <input type="checkbox"/>									
Training <input type="checkbox"/>									
Unapproved <input type="checkbox"/>									

FAULT CATEGORY

Landing Gear	General	Other
<input type="checkbox"/> Bending	<input type="checkbox"/> Bend	<input type="checkbox"/> Grain
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		<input type="checkbox"/> Temperature/Cure
		<input type="checkbox"/> Weld
		<input type="checkbox"/> Wrong Stock Pulled
		<input type="checkbox"/> Other

Picklist Print

December-12-12 9:52:56 AM

Work Order ID: 94390

Parent Item: D3039-1

Parent Item Name: Centre Drill

94390

D3039-1

Page 1

Start Date: 12/12/2012

Required Date: 27/12/2012

Start Qty: 10.00

Required Qty: 10.00

Comments: IPP REV:A 12.12.12 AS PER DWG REV.A DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
1-047-450 *1-047-450* Centre Drill		Purchased	No				Each	0.0000	**	10			

P-12/12/19 (10)

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

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Operator									
Material									
Setup									
Other									
Process									
Supplier									
Training									
Unapproved									

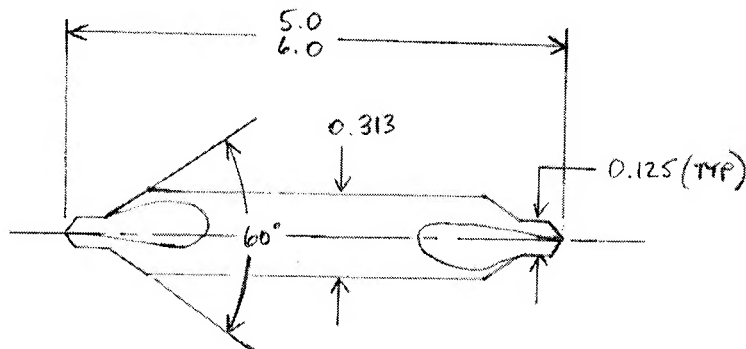
FAULT CATEGORY

Landing Gear	General	Other
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		<input type="checkbox"/> Temperature/Cure
		<input type="checkbox"/> Weld
		<input type="checkbox"/> Wrong Stock Pulled
		<input type="checkbox"/> Other



DESIGN 	DRAWN BY 	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED 	APPROVED 	DRAWING NO. D3039	REV. A SHEET 1 OF 1
DATE 01.06.25		TITLE CENTRE DRILL	SCALE NTS
A	01.06.25	NEW ISSUE	

SPECIFICATION CONTROL DRAWING



D3039-1 CENTRE DRILL (2x D3039-3 CENTRE DRILL)

DESCRIPTION: #4 CENTRE DRILL PLAIN TYPE

POSSIBLE SUPPLIERS: ACKLANDS

MAIN INDUSTRIAL

KBC (PART # 1-047-450)

CUT IN HALF TO CREATE QTY (2) D3039-3 CENTRE DRILL FOR STOCK
ALL DIMENSIONS ARE IN INCHES

RELEASED
01.06.25


UNCONFIDENTIAL
SECRET
NO
54390 M5
12-12-12

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KBC Tools & Machinery

631# 88
 12-17-

 KBC
 Tools
 & Machinery

**"Your
North American
Supplier"**

Mississauga, ON L5T 2Z1
PHONE 905-564-6600
FAX 905-564-1611

MEMO



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO18637**

Purchase Order Date 12/12/2012

PO Print Date 12/12/2012

Page Number 1 of 1

Order From :

VC-KBC001

KBC TOOLS & MACHINERY
6200 KENNEDY ROAD, UNIT # 1
MISSISSAUGA, ON L5T 2Z1
CA

Contact Name

Vendor Phone 905 564 6600

Vendor Fax 800 668 5615

Vendor Account Nbr 81519

Buyer

Brigitte Golden

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAXED 12/12/12

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	1-047-450	Centre Drill	12/18/2012 Yes	10.00 Each	Purolator ground	\$11.1800	\$111.80

Special Inst: As per DWG: D3039 Rev: A
B94390

PO Total:

\$111.80

Change Nbr: 1

Change Date: 12/12/2012

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required - YES NO

-

RBC Tools & Machinery Ltd
6200 Kennedy Rd.
Unit #1
Mississauga, ON L5T 2Z1
PHONE 905-564-6600



KBC Tools & Machinery

KEC Tools & Machinery ULC
6200 Kennedy Rd.
Unit #1
Mississauga, ON L5T 2Z
PHONE 905-564-6600
FAX 905-564-1611

FAX 305-564-1611

DART AEROSPACE LTD
1270 ABERDEEN ST

SHIPPED TO

DART AEROSPACE LTD
1270 GERRARD ST

HAWKESBURY
ON K601K7

HAWKESBURY
ON K6A1K7

— SHIPPED TO

DART AEROSPACE LTD
1270 ABERDEEN ST

HAWKESBURY
ON K6A1K7

CUSTOMER ORDER

F018637

A high-contrast, black and white image showing a dense, repeating pattern of small, stylized, interconnected shapes, resembling a complex, textured surface or a microscopic view of a material. The pattern consists of horizontal rows of interconnected, somewhat circular or oval shapes, creating a mesh-like appearance.